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TRANSMIT



ION

Atty. Docket: 35.C14074

To the Commissioner of Patents and

101316905

nal documents or copy thereof.

1. Name of conveying party(ies):

- (1) TETSUYA YANO
- (2) TSUYOSHI NOMOTO
- (3) TAKESHI IMAMURA

Additional name(s) of conveying party(ies) attached?

☐ Yes

☒ No

2. Name and address of receiving party(ies):

Name: CANON KABUSHIKI KAISHA

Foreign Address: 30-2, Shimomaruko 3-chome
Ohta-ku, Tokyo, Japan

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Domestic Address:

Execution Date: January 7, 2000

City: State ZIP

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application Number: 09/453,956

Filing Date: December 3, 1999

B. Title of Invention:

DNA FRAGMENT CARRYING TOLUENE
MONOOXYGENASE GENE, RECOMBINANT PLASMID,
TRANSFORMED MICROORGANISM, METHOD FOR
DEGRADING CHLORINATED ALIPHATIC
HYDROCARBON COMPOUNDS AND AROMATIC
COMPOUNDS, AND METHOD FOR ENVIRONMENTAL
REMEDICATION

Additional numbers attached?

☐ Yes

☒ No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper & Scinto
30 Rockefeller Plaza
New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

04/12/2000 DMGUYEN 00000115 09453956

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

PETER SAXON

Name of Person Signing

Signature

March 8, 2000

Date

66499 v1

Total number of pages including cover sheet, attachments, and documents: 2

PATENT
REEL: 010674 FRAME: 0651

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, TETSUYA YANO, TSUYOSHI NOMOTO and
TAKESHI IMAMURA

citizens of JAPAN

residing respectively at

6-52-1101, Tsumada Higashi 1-chome, Atsugi-shi, Kanagawa-ken,
Japan;

2-5-102, Inogata 1-chome, Komae-shi, Tokyo, Japan; and

5-23-101, Higashikaigan Kita 3-chome, Chigasaki-shi, Kanagawa-ken,
Japan

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for
the United States, in and to certain inventions relating to DNA FRAGMENT CARRYING TOLUENE

MONOOXYGENASE GENE, RECOMBINANT PLASMID, TRANSFORMED MICROORGANISM,

METHOD FOR DEGRADING CHLORINATED ALIPHATIC HYDROCARBON COMPOUNDS

AND AROMATIC COMPOUNDS, AND METHOD FOR ENVIRONMENTAL REMEDIATION

and described in an application for Letters Patent of the United States filed by us on December 3, 1999

and which has been accorded Application No. 09/453,956

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United
States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the
Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the
Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for
patent or other form of protection for said inventions, the benefit of the right of priority provided by the International
Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be
substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any
assignment, consent to file or like document which may be required in the United States for any purpose and more
particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority
provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention
which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned
and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to
us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional,
continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts
necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection
for said inventions in the United States.

By: Tetsuya Yano
TETSUYA YANO

Date: January 11, 2000

By: Tsuyoshi Nomoto
TSUYOSHI NOMOTO

Date: January 7, 2000

By: Takeshi Imamura
TAKESHI IMAMURA

Date: January 7, 2000

By: _____

Date: _____

By: _____

Date: _____